

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017176.D
 Acq On : 14 Sep 2023 14:34
 Operator : MA/JU
 Sample : 04247-13
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBS6

Quant Time: Sep 14 22:48:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

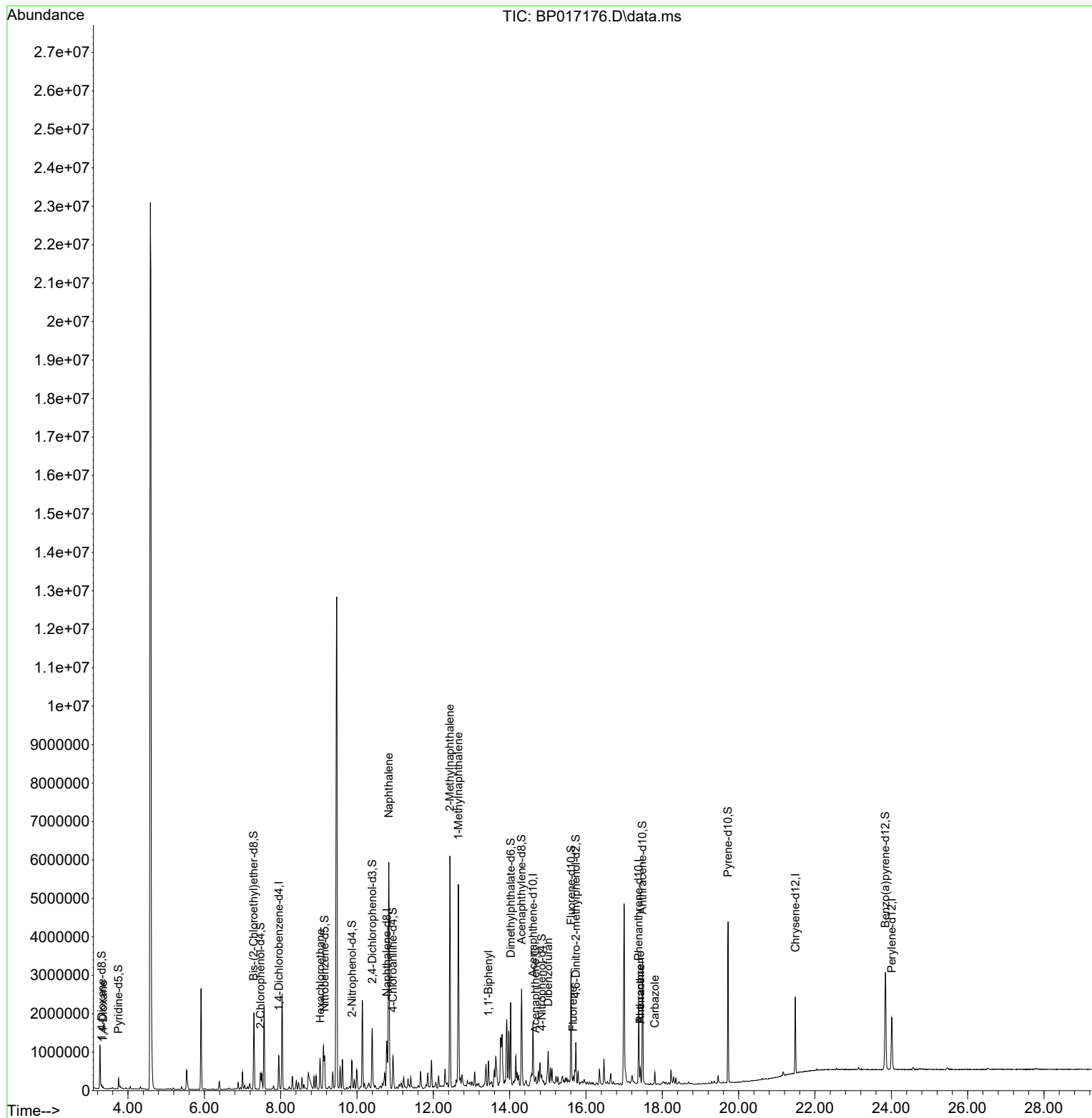
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	211609	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	849651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	514930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1061880	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	923424	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	1042522	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	26438	5.250	ng/uL	0.00
4) Pyridine-d5	3.752	84	153444	10.652	ng/u1	0.00
7) Phenol-d5	7.105	99	16036	0.932	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	325626	30.278	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	152658	11.121	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	7023	0.492	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	212953	35.793	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	202067	31.814	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	394027	32.078	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	338341	18.274	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	1351924	36.894	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1448296	34.833	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	48032	6.782	ng/u1	0.00
60) Fluorene-d10	15.610	176	1151189	36.334	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	202640	34.156	ng/u1	-0.01
73) Anthracene-d10	17.481	188	1771205	39.258	ng/u1	0.00
81) Pyrene-d10	19.722	212	2034720	42.015	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	1946577	39.560	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	20749	3.832	ng/uL	96
19) Hexachloroethane	9.040	117	98790	17.240	ng/u1#	8
30) Naphthalene	10.834	128	4752534	110.538	ng/u1	100
36) 2-Methylnaphthalene	12.434	142	2868331	98.869	ng/u1	99
37) 1-Methylnaphthalene	12.657	142	2201554	74.969	ng/u1	99
43) 1,1'-Biphenyl	13.445	154	160380	4.344	ng/u1#	97
52) Acenaphthene	14.675	153	63831	2.008	ng/u1	95
56) Dibenzofuran	15.010	168	62032	1.412	ng/u1	98
61) Fluorene	15.663	166	74548	2.053	ng/u1	99
72) Phenanthrene	17.422	178	228215	4.277	ng/u1	99
74) Anthracene	17.422	178	228403	4.226	ng/u1	98
77) Carbazole	17.804	167	193069	4.068	ng/u1	99

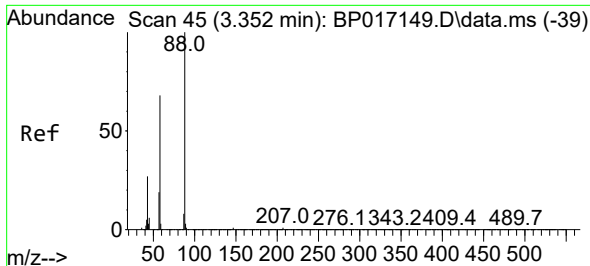
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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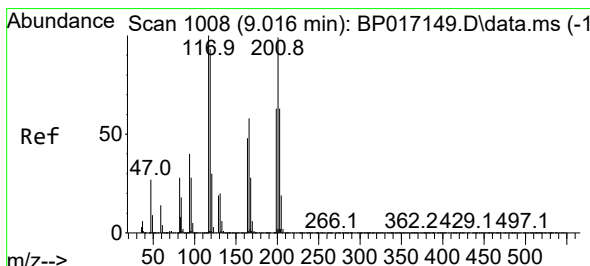
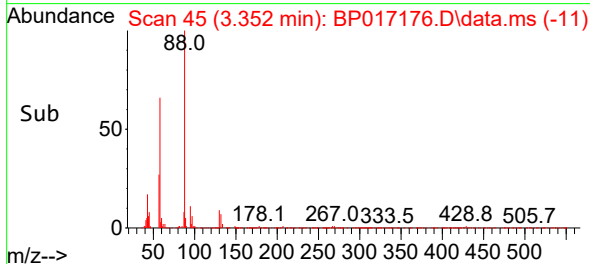
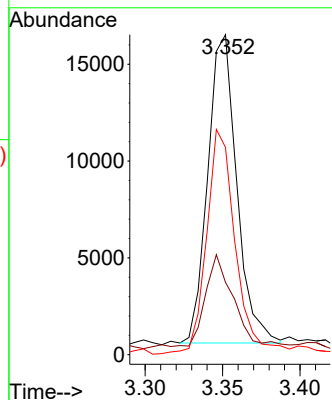
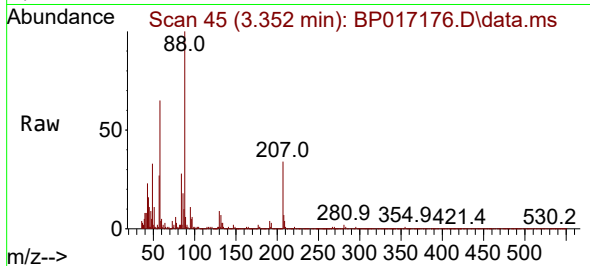




#2
 1,4-Dioxane
 Concen: 3.832 ng/uL
 RT: 3.352 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP017176.D
 Acq: 14 Sep 2023 14:34

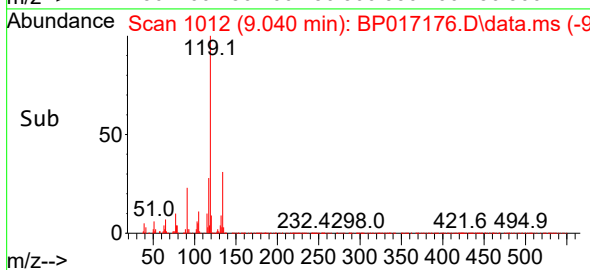
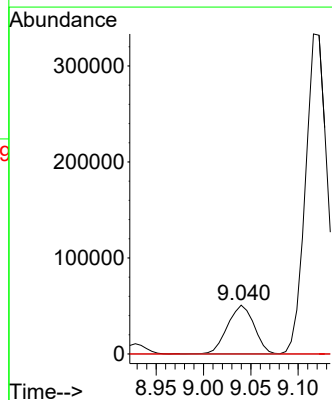
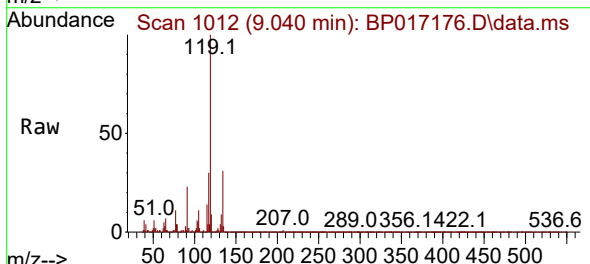
Instrument :
 BNA_P
 ClientSampleId :
 BBJS6

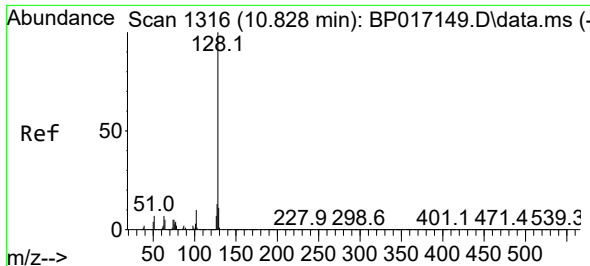
Tgt Ion:	88	Resp:	20749
Ion	Ratio	Lower	Upper
88	100		
43	22.6	21.9	32.9
58	64.8	50.8	76.2



#19
 Hexachloroethane
 Concen: 17.240 ng/uL
 RT: 9.040 min Scan# 1012
 Delta R.T. 0.018 min
 Lab File: BP017176.D
 Acq: 14 Sep 2023 14:34

Tgt Ion:	117	Resp:	98790
Ion	Ratio	Lower	Upper
117	100		
201	0.0	79.9	119.9#
199	0.0	49.4	74.2#

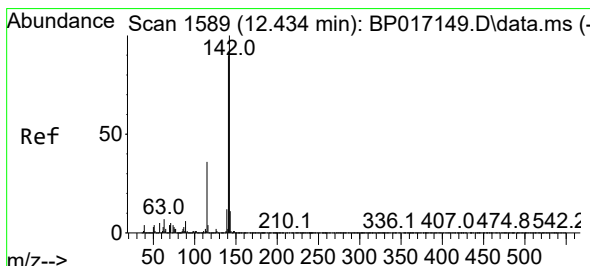
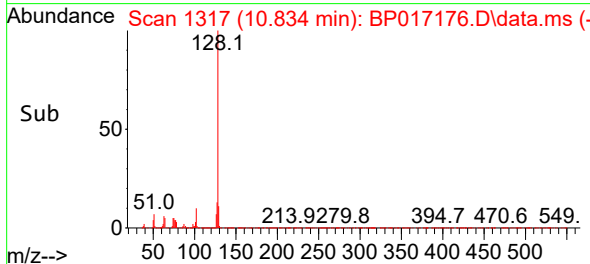
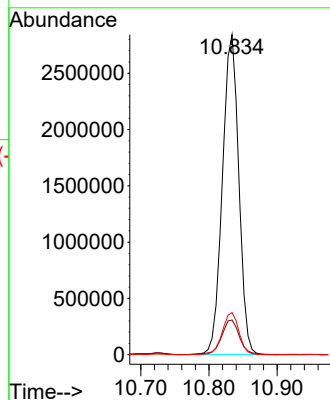
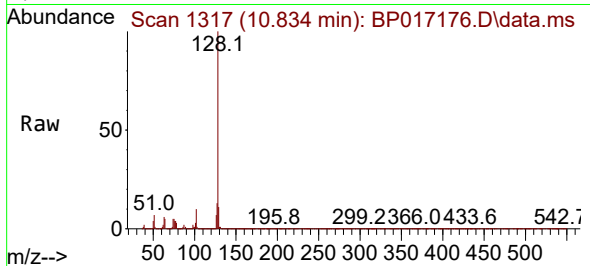




#30
Naphthalene
Concen: 110.538 ng/ul
RT: 10.834 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

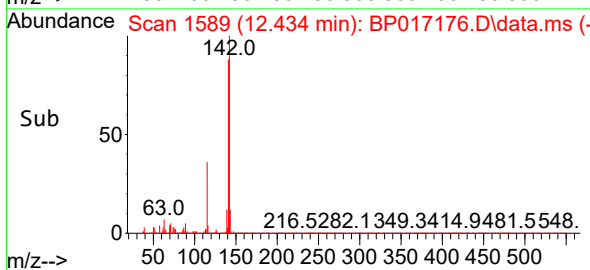
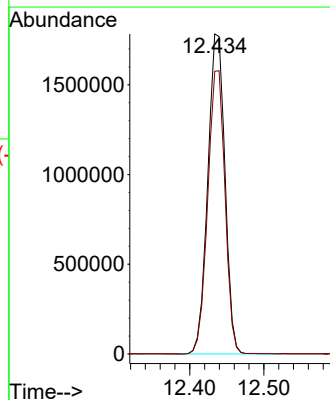
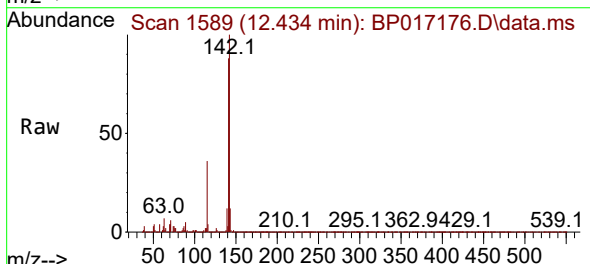
Instrument :
BNA_P
ClientSampleId :
BBJS6

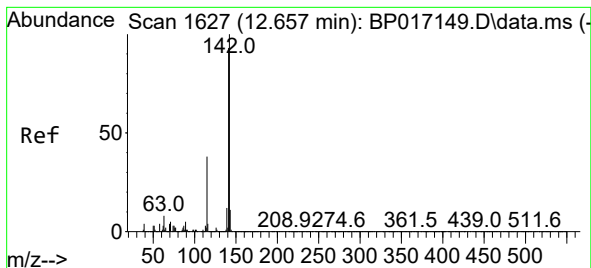
Tgt Ion:128 Resp: 4752534
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.4 15.6



#36
2-Methylnaphthalene
Concen: 98.869 ng/ul
RT: 12.434 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BP017176.D
Acq: 14 Sep 2023 14:34

Tgt Ion:142 Resp: 2868331
Ion Ratio Lower Upper
142 100
141 88.4 70.1 105.1





#37

1-Methylnaphthalene

Concen: 74.969 ng/ul

RT: 12.657 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

Instrument :

BNA_P

ClientSampleId :

BBJS6

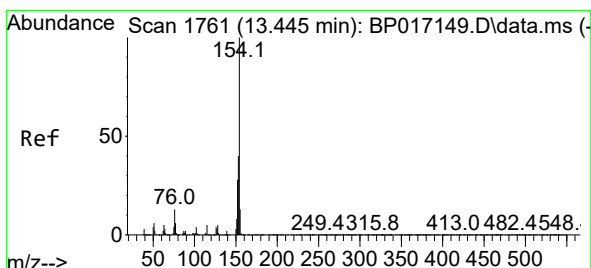
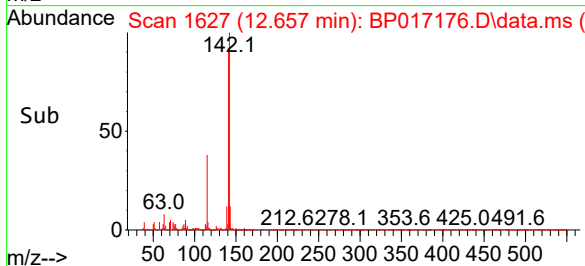
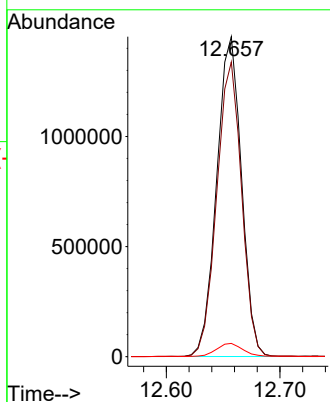
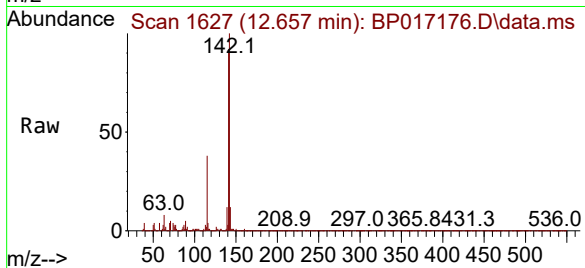
Tgt Ion:142 Resp: 2201554

Ion Ratio Lower Upper

142 100

141 92.1 74.1 111.1

116 4.1 3.1 4.7



#43

1,1'-Biphenyl

Concen: 4.344 ng/ul

RT: 13.445 min Scan# 1761

Delta R.T. -0.006 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

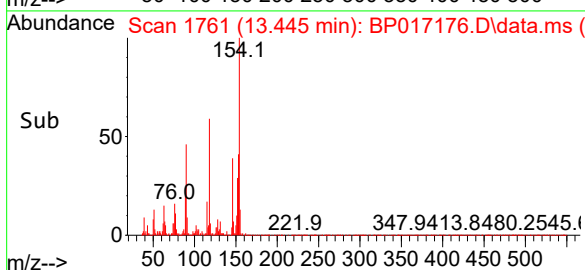
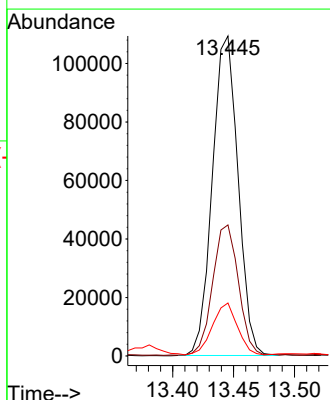
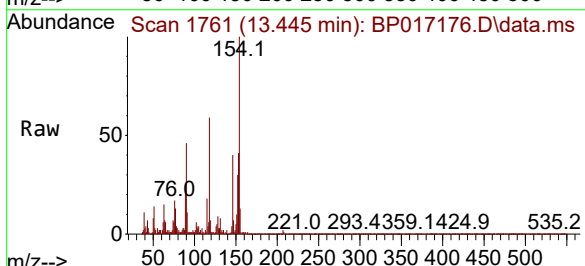
Tgt Ion:154 Resp: 160380

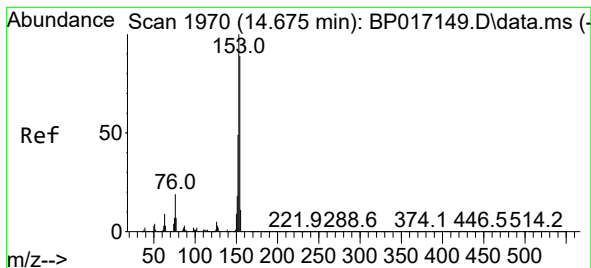
Ion Ratio Lower Upper

154 100

153 41.0 31.8 47.8

76 16.6 10.8 16.2#





#52

Acenaphthene

Concen: 2.008 ng/ul

RT: 14.675 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

Instrument :

BNA_P

ClientSampleId :

BBJS6

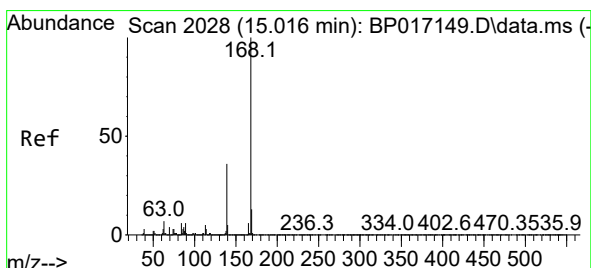
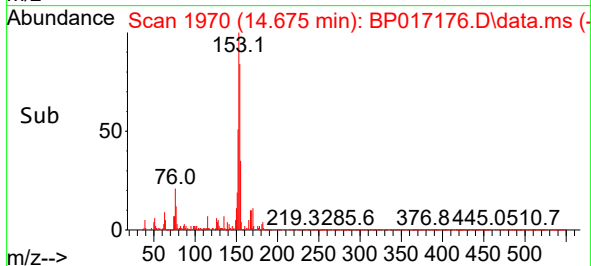
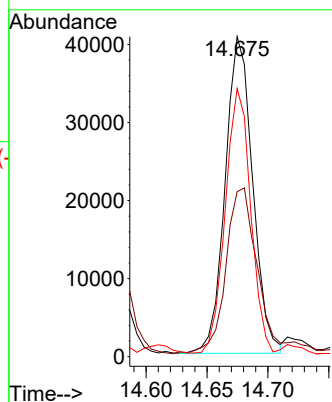
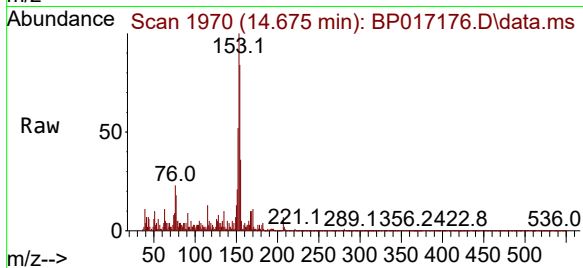
Tgt Ion:153 Resp: 63831

Ion Ratio Lower Upper

153 100

152 51.5 38.6 57.8

154 83.8 70.4 105.6



#56

Dibenzofuran

Concen: 1.412 ng/ul

RT: 15.010 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BP017176.D

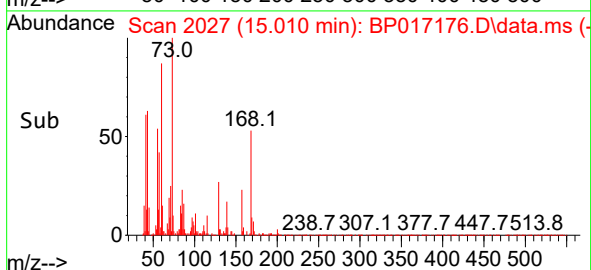
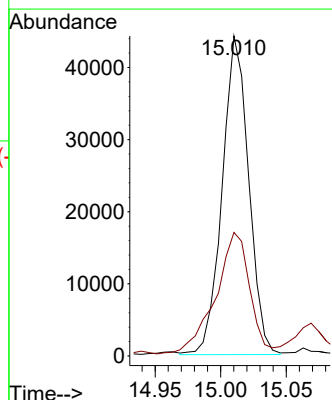
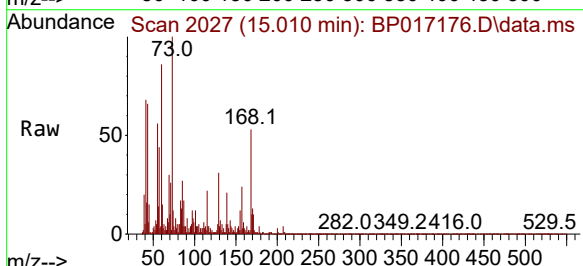
Acq: 14 Sep 2023 14:34

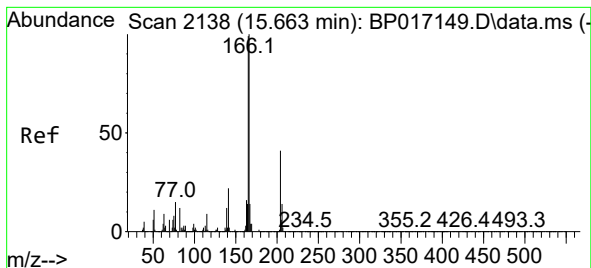
Tgt Ion:168 Resp: 62032

Ion Ratio Lower Upper

168 100

139 38.6 29.9 44.9





#61

Fluorene

Concen: 2.053 ng/ul

RT: 15.663 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

Instrument :

BNA_P

ClientSampleId :

BBJS6

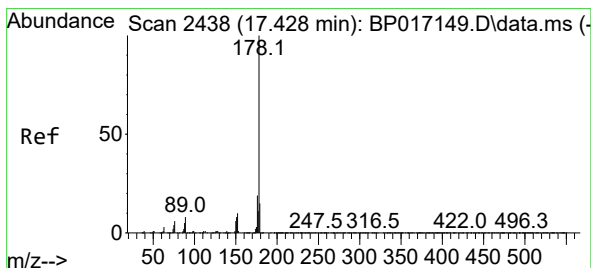
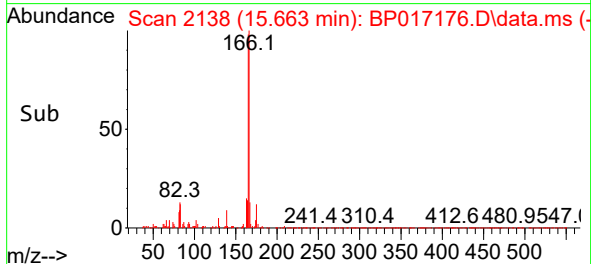
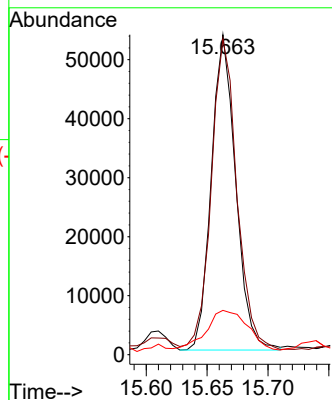
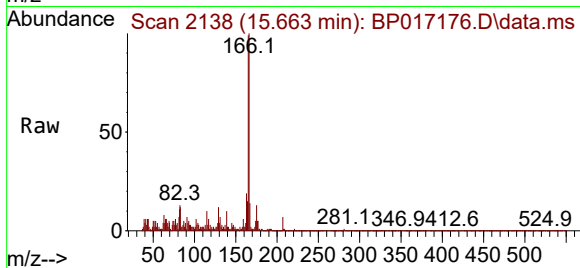
Tgt Ion:166 Resp: 74548

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.2

167 13.9 11.0 16.4



#72

Phenanthrene

Concen: 4.277 ng/ul

RT: 17.422 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

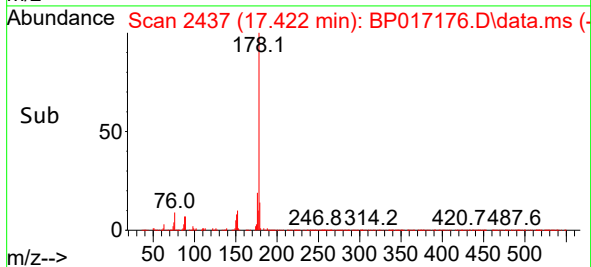
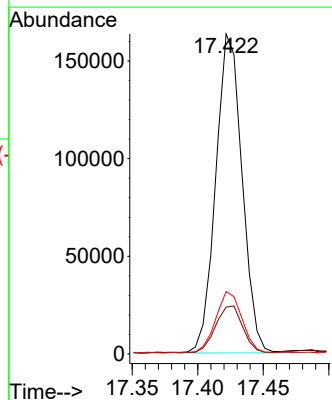
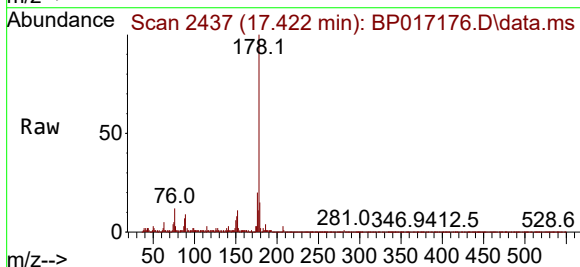
Tgt Ion:178 Resp: 228215

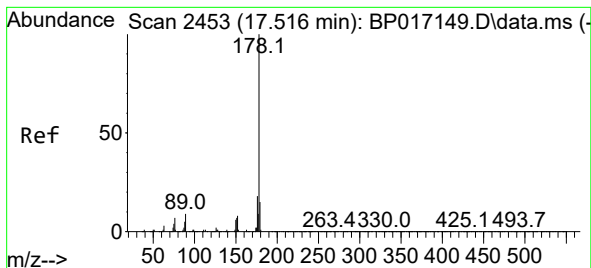
Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

176 19.5 15.6 23.4





#74

Anthracene

Concen: 4.226 ng/ul

RT: 17.422 min Scan# 2453

Delta R.T. -0.100 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

Instrument :

BNA_P

ClientSampleId :

BBJS6

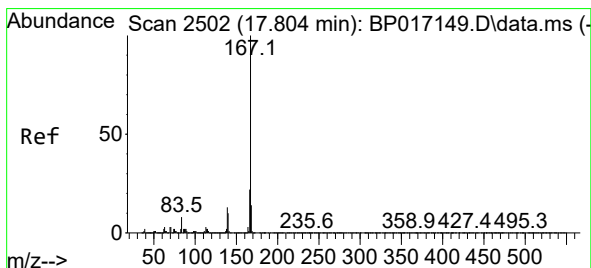
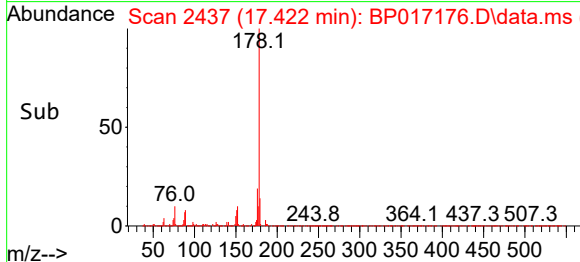
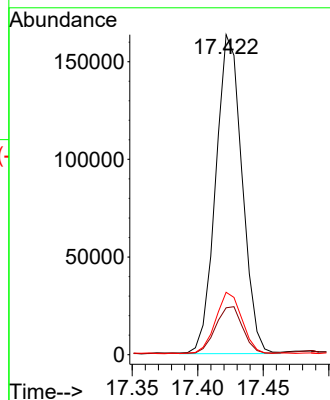
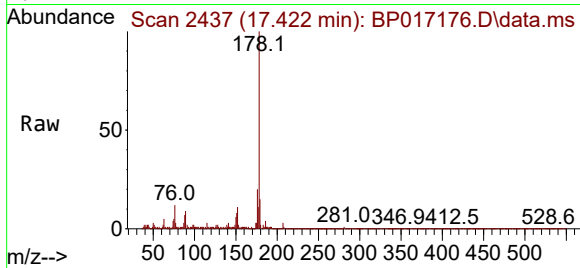
Tgt Ion:178 Resp: 228403

Ion Ratio Lower Upper

178 100

179 14.6 12.4 18.6

176 19.5 14.9 22.3



#77

Carbazole

Concen: 4.068 ng/ul

RT: 17.804 min Scan# 2502

Delta R.T. -0.006 min

Lab File: BP017176.D

Acq: 14 Sep 2023 14:34

Tgt Ion:167 Resp: 193069

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.6

139 12.8 10.4 15.6

